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IN THE ABSTRACT:

Please amend the abstract as follows:

ABSTRACT OF THE DISCLOSURE

PROGRAMMABLE ADAPTER DEVICE FOR
COMMUNICATION PROTOCOLS

~~This invention relates to a~~ A ~~programmable~~ adapter device ~~for communicating between a higher level communication protocol supported by a higher level equipment (30) and at least one lower level communication protocol supported by a lower level automation equipment (40). The device comprises an adapter (20) provided with equipment, a first memory (25) containing storing a conversion program (15) for converting between the higher level protocol and a lower level protocol, the conversion program downloadable from the higher level equipment (30) and that can be executed for execution by the adapter (20), and provided with a second non-volatile memory (26) containing a resident driver program (16) in order to initialise for initializing communication with the higher level equipment (30). A memory area (17) is used as an~~

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intermediate buffer to manage asynchronism between protocols.
The lower level connecting cable ~~(14)~~ is used to identify a complete or partial identifier of the lower level protocol.

~~FIGURE 1.~~